

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024296.D
 Acq On : 12 Oct 2016 11:46
 Operator : UM/SJ
 Sample : H5145-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN89

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.644	133	137	142	rVB5	32192	48570	1.01%	0.092%
2	3.880	176	177	182	rBV5	8782	10995	0.23%	0.021%
3	4.344	253	256	260	rBV4	9668	14838	0.31%	0.028%
4	4.990	365	366	372	rBV4	17663	28143	0.59%	0.053%
5	5.131	387	390	397	rVB6	10419	20297	0.42%	0.039%
6	5.272	411	414	418	rBV6	8036	12665	0.26%	0.024%
7	5.354	425	428	434	rVB6	19898	35594	0.74%	0.068%
8	5.824	507	508	514	rBV5	9496	13796	0.29%	0.026%
9	6.435	609	612	614	rBV4	8525	10688	0.22%	0.020%
10	6.753	663	666	669	rBV4	8353	10564	0.22%	0.020%
11	6.811	673	676	679	rVB5	8589	11358	0.24%	0.022%
12	6.882	685	688	693	rBV4	9577	12293	0.26%	0.023%
13	7.111	724	727	731	rBV6	8116	13873	0.29%	0.026%
14	7.164	731	736	738	rBV5	9976	11141	0.23%	0.021%
15	7.217	740	745	749	rBV6	14885	26589	0.55%	0.050%
16	7.417	771	779	790	rVB	635670	1201409	24.97%	2.280%
17	7.605	802	811	823	rVV	467984	806567	16.77%	1.531%
18	7.693	823	826	835	rVV10	7989	19467	0.40%	0.037%
19	7.810	835	846	855	rVB	599040	1091017	22.68%	2.071%
20	7.957	867	871	875	rVB6	7337	13173	0.27%	0.025%
21	8.139	897	902	905	rBV7	8441	14440	0.30%	0.027%
22	8.221	911	916	919	rBV7	7511	12603	0.26%	0.024%
23	8.292	919	928	941	rVB	547319	1021425	21.23%	1.939%
24	8.815	1012	1017	1021	rBV8	8568	14828	0.31%	0.028%
25	8.974	1035	1044	1053	rBV	798706	1417485	29.47%	2.690%
26	9.197	1079	1082	1088	rVB6	12244	12055	0.25%	0.023%
27	9.250	1090	1091	1101	rBV9	8919	22738	0.47%	0.043%
28	9.461	1119	1127	1134	rBV	603770	1154399	24.00%	2.191%
29	10.184	1242	1250	1261	rBV	525373	1002688	20.84%	1.903%
30	10.407	1286	1288	1293	rVB6	13180	19934	0.41%	0.038%
31	10.636	1323	1327	1330	rBV6	7870	10602	0.22%	0.020%
32	10.719	1332	1341	1349	rBV	817853	1513970	31.47%	2.874%
33	10.813	1354	1357	1362	rVB7	8051	13644	0.28%	0.026%
34	10.871	1363	1367	1370	rVB6	10833	15221	0.32%	0.029%

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35	10.948	1375	1380	1382	rBV5	7538	10491	0.22%	0.020%
36	11.118	1398	1409	1419	rBV	796570	1478644	30.74%	2.806%
37	11.247	1423	1431	1446	rBV	795051	1498600	31.15%	2.844%
38	11.523	1475	1478	1481	rVB4	9281	12197	0.25%	0.023%
39	11.559	1481	1484	1486	rBV4	9549	11607	0.24%	0.022%
40	11.682	1501	1505	1508	rBV4	9950	13718	0.29%	0.026%
41	11.782	1518	1522	1527	rVB7	11043	21060	0.44%	0.040%
42	11.858	1529	1535	1543	rVB8	9961	25435	0.53%	0.048%
43	11.958	1547	1552	1554	rVB6	10546	11064	0.23%	0.021%
44	12.011	1554	1561	1564	rVB9	16703	27976	0.58%	0.053%
45	12.093	1568	1575	1578	rBV7	11657	19531	0.41%	0.037%
46	12.176	1586	1589	1591	rVB4	8798	10214	0.21%	0.019%
47	12.634	1661	1667	1668	rVB6	9905	13761	0.29%	0.026%
48	12.681	1668	1675	1685	rBV10	26486	65724	1.37%	0.125%
49	12.904	1708	1713	1715	rBV6	11564	18387	0.38%	0.035%
50	12.998	1725	1729	1731	rBV5	10609	12116	0.25%	0.023%
51	13.116	1746	1749	1755	rBV7	7443	11106	0.23%	0.021%
52	13.257	1767	1773	1781	rBV7	16467	34946	0.73%	0.066%
53	13.345	1785	1788	1796	rBV9	11749	13824	0.29%	0.026%
54	13.421	1796	1801	1810	rVB9	13794	26582	0.55%	0.050%
55	13.504	1810	1815	1820	rBV7	23339	37123	0.77%	0.070%
56	13.709	1845	1850	1852	rBV4	14118	21713	0.45%	0.041%
57	13.768	1855	1860	1865	rBV8	18702	35892	0.75%	0.068%
58	14.079	1909	1913	1916	rBV6	8366	10232	0.21%	0.019%
59	14.138	1919	1923	1930	rBV10	11741	27329	0.57%	0.052%
60	14.297	1939	1950	1954	rBV	1697746	2549405	53.00%	4.839%
61	14.344	1954	1958	1965	rVB	890596	1338451	27.82%	2.540%
62	14.502	1982	1985	1988	rBV4	12603	14142	0.29%	0.027%
63	14.602	1993	2002	2011	rBV	1754564	2766057	57.50%	5.250%
64	14.902	2045	2053	2062	rVB	1401636	2197792	45.69%	4.171%
65	15.066	2073	2081	2091	rVB	647403	1064415	22.13%	2.020%
66	15.266	2110	2115	2119	rBV7	19970	32079	0.67%	0.061%
67	15.384	2128	2135	2138	rBV8	15446	36023	0.75%	0.068%
68	15.442	2143	2145	2151	rVB6	12854	13997	0.29%	0.027%
69	15.607	2170	2173	2175	rVB4	11552	10465	0.22%	0.020%
70	15.707	2180	2190	2195	rBV5	48764	124820	2.59%	0.237%
71	15.807	2204	2207	2211	rBV6	13077	12485	0.26%	0.024%

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72	15.889	2213	2221	2231	rBV	2335214	3738471	77.71%	7.096%
73	15.989	2231	2238	2248	rVB	639256	955340	19.86%	1.813%
74	16.124	2251	2261	2270	rBV10	48659	129565	2.69%	0.246%
75	16.206	2272	2275	2279	rVB6	15010	23332	0.49%	0.044%
76	16.259	2281	2284	2292	rBV9	17496	34437	0.72%	0.065%
77	16.330	2292	2296	2300	rVV7	12277	17281	0.36%	0.033%
78	16.459	2314	2318	2324	rBV9	11794	27554	0.57%	0.052%
79	16.565	2332	2336	2347	rVB3	81466	190865	3.97%	0.362%
80	16.753	2366	2368	2374	rVB6	19639	29600	0.62%	0.056%
81	16.806	2374	2377	2379	rBV4	19063	16715	0.35%	0.032%
82	16.841	2381	2383	2386	rBV4	13056	13364	0.28%	0.025%
83	16.917	2391	2396	2400	rBV8	21822	45017	0.94%	0.085%
84	17.076	2420	2423	2429	rVB8	20707	25492	0.53%	0.048%
85	17.135	2430	2433	2438	rBV7	14486	25613	0.53%	0.049%
86	17.358	2467	2471	2475	rBV2	77514	105455	2.19%	0.200%
87	17.411	2476	2480	2486	rVB4	42322	69392	1.44%	0.132%
88	17.493	2492	2494	2500	rVB7	16521	19422	0.40%	0.037%
89	17.646	2512	2520	2528	rBV	1739783	2683918	55.79%	5.094%
90	17.746	2529	2537	2546	rVB	2562259	4136723	85.99%	7.852%
91	18.098	2595	2597	2603	rVB7	19340	26199	0.54%	0.050%
92	18.492	2658	2664	2670	rBV	386473	571038	11.87%	1.084%
93	19.602	2851	2853	2855	rBV3	19539	19810	0.41%	0.038%
94	19.643	2857	2860	2865	rVB3	58813	97966	2.04%	0.186%
95	19.749	2873	2878	2885	rBV3	228352	331273	6.89%	0.629%
96	20.014	2916	2923	2931	rBV	3280379	4810500	100.00%	9.130%
97	21.529	3177	3181	3187	rBV7	176661	264777	5.50%	0.503%
98	21.941	3244	3251	3261	rVB	1762013	3107263	64.59%	5.898%
99	25.155	3786	3798	3811	rBV	1609086	4675077	97.18%	8.873%
100	25.390	3827	3838	3852	rVB2	1051948	3206761	66.66%	6.086%

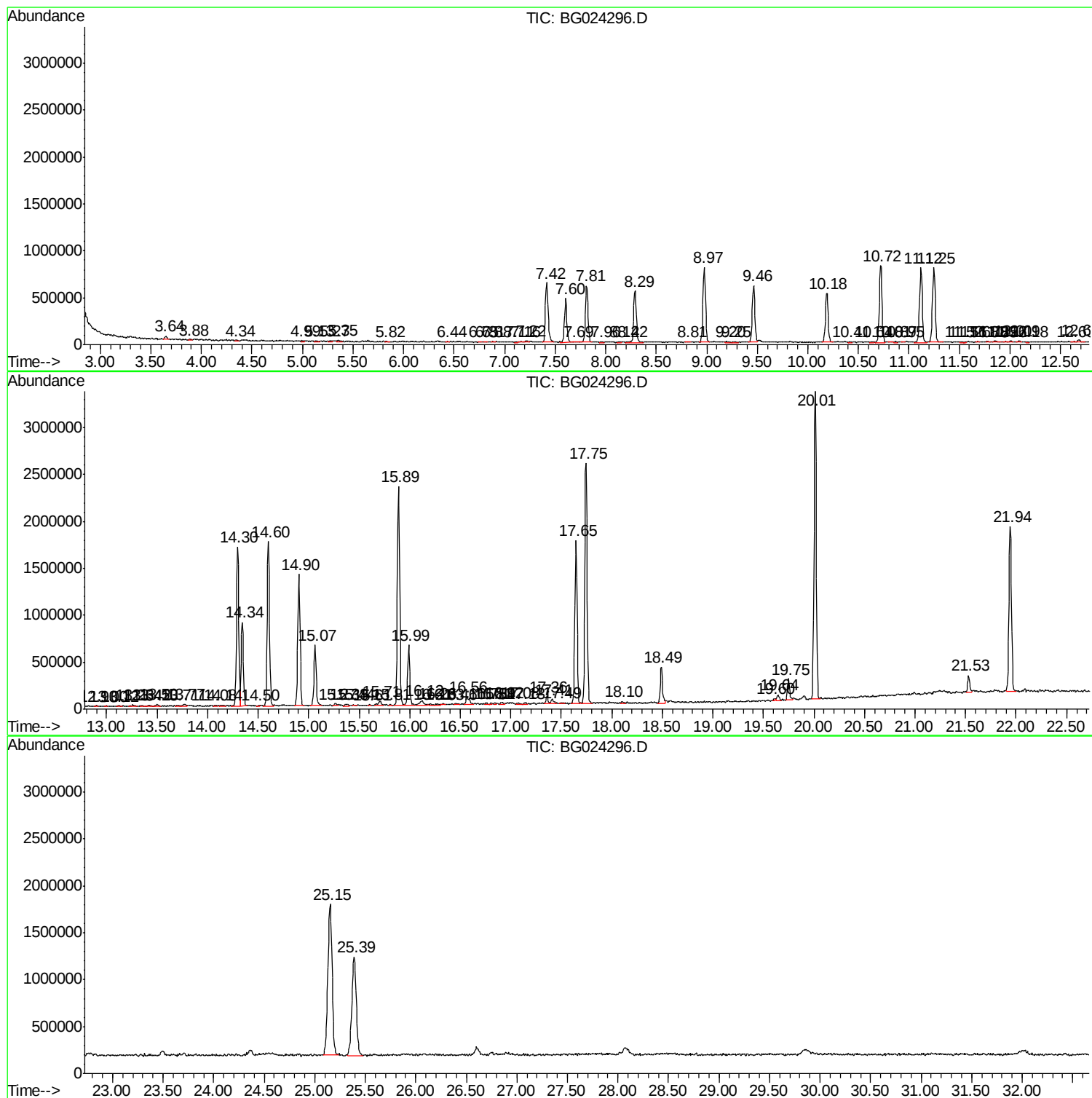
Sum of corrected areas: 52686692

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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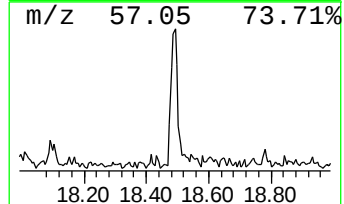
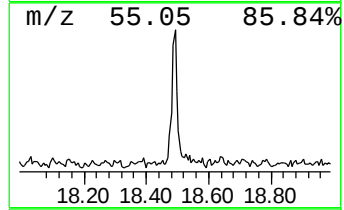
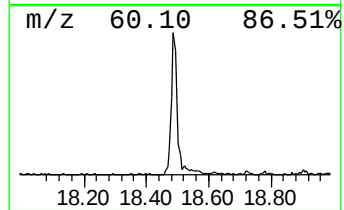
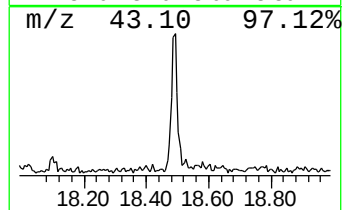
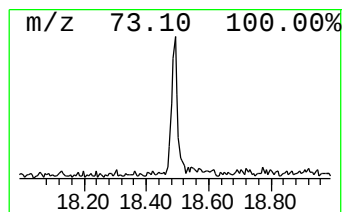
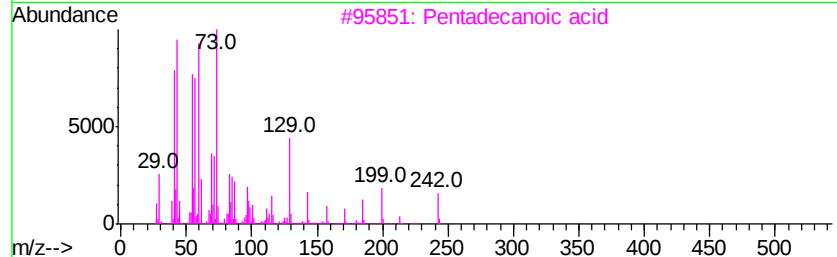
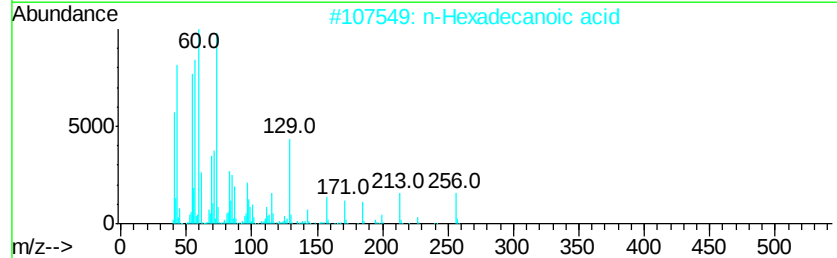
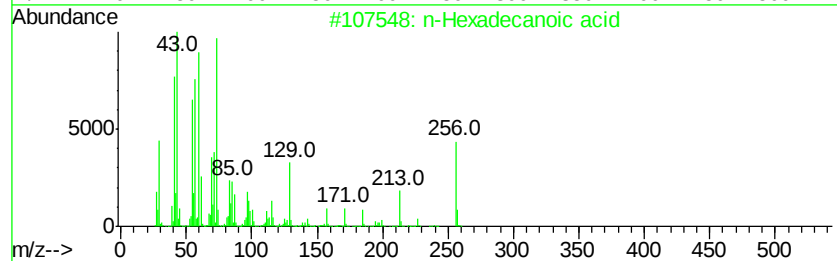
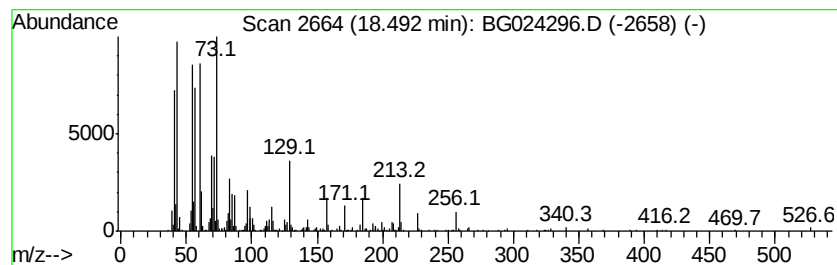
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.26 ng/ul	571038	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	64
5		Docosanoic acid	340	C22H44O2	000112-85-6	64



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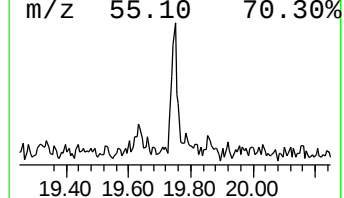
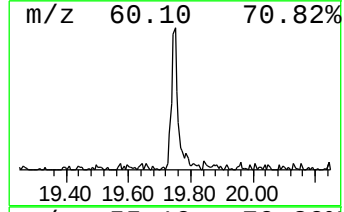
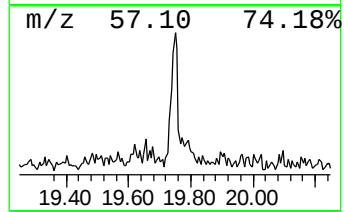
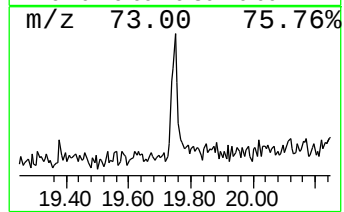
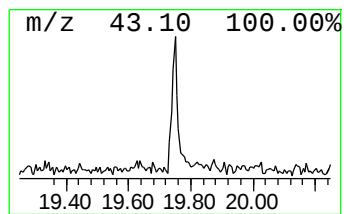
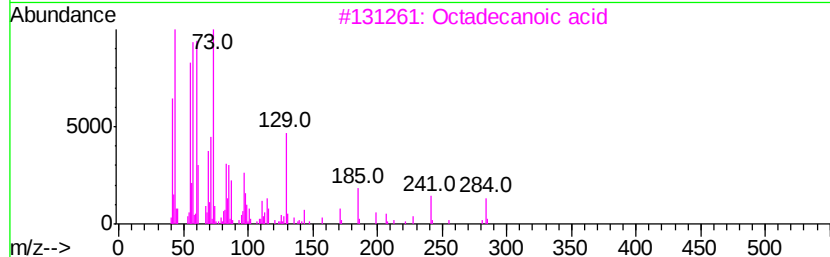
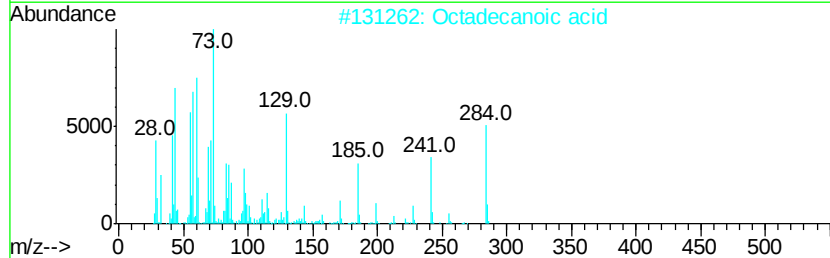
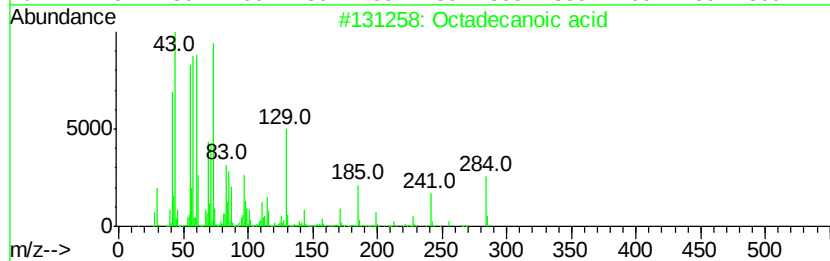
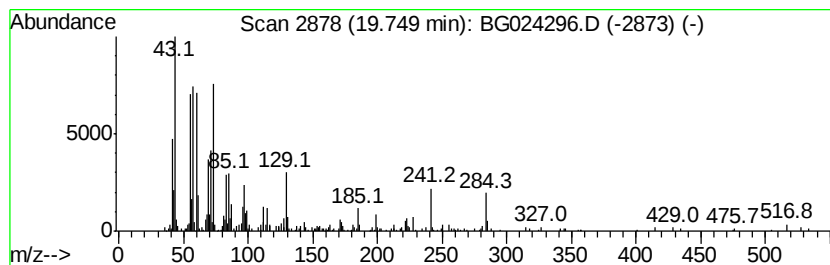
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.47 ng/ul	331273	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	92
5		Octadecanoic acid	284	C18H36O2	000057-11-4	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	4.3	ng/ul	571038	4	17.65	2683920	20.0
Octadecanoic acid	19.75	2.5	ng/ul	331273	4	17.65	2683920	20.0